

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	05/08/2018 05/08/2018	Sterling York

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0001_01_s _ 2013_2				
Comment Code					
Inspector Comment					
The LMA has current flood fight training and a written emergency plan.					

No Photos

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0001_01_s _ 2013_24				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies stored at various locations throughout the district.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	05/08/2018 05/08/2018	Sterling York

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				o
					o
DWR ID	DWR_NA0001_01_s_2013_25				
Comment Code					
Inspector Comment					
The LMA has a copy of the O&M Manual available at the office.					

No Photos

LM Start	0.02	Rating **	A/W	Issue No.	45
LM End	2.07	Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.619443 °	38.627293 °
				-121.467339 °	-121.432635 °
DWR ID	DWR_NA0001_01_s_2018_45				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
This Unit is under construction and not accessible. All the issues for Unit 1 will have to be reassessed when construction is complete and turn back over to ARFCD to maintain. Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_51_45_20180514_00089.jpg



View looking upstream from Norwood Ave. This Unit is under construction and not accessible. All the issues for Unit 1 will have to be reassessed when construction is complete and turn back over to ARFCD to maintain. Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	05/08/2018 05/08/2018	Sterling York

LM Start	0.48	Rating **	A/W	Issue No.	164
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.623227 °	38.623227 °
				-121.460399 °	-121.460399 °
DWR ID	DWR_NA0001_01_s_2012_164				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
4'-5' diameter by 1' deep hole mid-slope on the landside.					

Photo 1 of 2 : SP_2018_NA0001_51_164_20180404_00049.jpg



11/17/2011 Hole/depression approximately mid-slope.

LM Start	0.48	Rating **	A/W	Issue No.	164 (cont)
LM End	0.48	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_NA0001_51_164_20180404_00050.jpg



Another view of the depression on the landside levee slope.

LM Start	1.34	Rating **	N	Issue No.	26
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.625926 °	38.625926 °
				-121.445329 °	-121.445329 °
DWR ID	DWR_NA0001_01_f_2013_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	05/08/2018 05/08/2018	Sterling York

LM Start	1.36	Rating **	N	Issue No.	178
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.626063 °	38.626063 °
				-121.444988 °	-121.444988 °
DWR ID	DWR_NA0001_01_s_2012_178				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Two stumps at landside toe.					

Photo 1 of 1 : SP_2018_NA0001_51_178_20180404_00057.jpg



11/17/2011 Two stumps at levee toe.

LM Start	1.41	Rating **	N	Issue No.	72
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.626253 °	38.626253 °
				-121.444165 °	-121.444165 °
DWR ID	DWR_NA0001_01_f_2015_72				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.48	Rating **	M	Issue No.	75
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626912 °	38.626912 °
				-121.443229 °	-121.443229 °
DWR ID	DWR_NA0001_01_s_2017_75				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Stairs dug into waterside levee slope.					

Photo 1 of 1 : SP_2018_NA0001_51_75_20180404_00048.jpg



View of the stairs in the levee slope, looking downstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	05/08/2018 05/08/2018	Sterling York

LM Start	1.51	Rating **	N	Issue No.	56
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627180 °	38.627224 °
				-121.442718 °	-121.442515 °
DWR ID	DWR_NA0001_01_s_2012_56				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
4 stumps 14 to 30 Inches in diameter.					

Photo 1 of 1 : SP_2018_NA0001_51_56_20180404_00035.jpg



Several large stumps on levee slope.

LM Start	1.52	Rating **	M	Issue No.	19
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627237 °	38.627237 °
				-121.442516 °	-121.442516 °
DWR ID	DWR_NA0001_01_f_2017_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	05/08/2018 05/08/2018	Sterling York

LM Start	1.54	Rating **	M	Issue No.	11
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627298 °	38.627298 °
				-121.442131 °	-121.442131 °
DWR ID	DWR_NA0001_01_f_2017_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Area shows signs of rodent activity.					

Photo 1 of 1 : SP_2018_NA0001_51_11_20180404_00010.jpg



View of the rodent activity on the levee slope.

LM Start	1.58	Rating **	A/W	Issue No.	54
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.627251 °	38.627251 °
				-121.441460 °	-121.441460 °
DWR ID	DWR_NA0001_01_s_2012_54				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_51_54_20180404_00034.jpg



Slope stability due to foot traffic needs to be monitored.

LM Start	1.61	Rating **	N	Issue No.	31
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627191 °	38.627191 °
				-121.440861 °	-121.440861 °
DWR ID	DWR_NA0001_01_f_2012_31				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_51_31_20180404_00025.jpg



View of large tree stump at levee toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	05/08/2018 05/08/2018	Sterling York

LM Start	1.69	Rating **	N	Issue No.	74
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627607 °	38.627607 °
				-121.439545 °	-121.439545 °
DWR ID	DWR_NA0001_01_s_2017_74				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
24 inch large tree stump at levee toe.					

Photo 1 of 1 : SP_2018_NA0001_51_74_20180404_00047.jpg



View of the tree stump at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	05/07/2018 05/07/2018	Sterling York

LM Start	0.01	Rating **	A	Issue No.	16
LM End	3.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.603023 °	38.656907 °
				-121.472617 °	-121.474831 °
DWR ID	DWR_NA0001_02_s _ 2018_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_52_16_20180515_00041.jpg



View looking downstream landside of the well maintained annual vegetation.

LM Start	0.01	Rating **	A	Issue No.	15
LM End	3.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.603023 °	38.656907 °
				-121.472616 °	-121.474832 °
DWR ID	DWR_NA0001_02_s _ 2018_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_52_15_20180515_00043.jpg



View looking downstream waterside of the well maintained annual vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	05/07/2018 05/07/2018	Sterling York

LM Start	0.06	Rating **	M	Issue No.	19
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.603575 °	38.603575 °
				-121.471976 °	-121.471976 °
DWR ID	DWR_NA0001_02_s_2017_19				
Comment Code					
ST : Stairway					
Inspector Comment					
Stairs dug into the levee slope by transients.					

Photo 1 of 1 : SP_2018_NA0001_52_19_20180404_00005.jpg



View of the stairs dug into the landside levee slope.

LM Start	0.73	Rating **	M	Issue No.	24	
LM End	0.73	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Animal Control			38.611529 °	38.611529 °	
				-121.466801 °	-121.466801 °	
DWR ID	DWR_NA0001_02_s_2016_24					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
Rodents still active in this area.						

Photo 1 of 1 : SP_2018_NA0001_52_24_20180404_00006.jpg



View of the rodent holes in the waterside levee slope.

LM Start	1.40	Rating **	M	Issue No.	26
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.621054 °	38.621054 °
				-121.468008 °	-121.468008 °
DWR ID	DWR_NA0001_02_f_2015_26				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_52_26_20180404_00008.jpg



View of the damaged landside levee slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	05/07/2018 05/07/2018	Sterling York

LM Start	2.79	Rating **	M	Issue No.	1
LM End	2.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.641029 °	38.641029 °
				-121.471801 °	-121.471801 °
DWR ID	DWR_NA0001_02_f_2017_1				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps dug into the levee slope.					

Photo 1 of 1 : SP_2018_NA0001_52_1_20180404_00001.jpg



View of the unpermitted steps in the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	05/08/2018 05/08/2018	Sterling York

LM Start	0.59	Rating **	A	Issue No.	10
LM End	3.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.589004 °	38.603037 °
				-121.428085 °	-121.472614 °
DWR ID	DWR_NA0001_03_s_2018_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well-maintained. Spring 2018					

Photo 1 of 1 : SP_2018_NA0001_490_10_20180514_00031.jpg



View looking downstream landside of well-maintained annual vegetation. Spring 2018

LM Start	0.59	Rating **	A	Issue No.	11
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.589004 °	38.603037 °
				-121.428085 °	-121.472614 °
DWR ID	DWR_NA0001_03_s_2018_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well-maintained. Spring 2018					

Photo 1 of 1 : SP_2018_NA0001_490_11_20180514_00034.jpg



View looking downstream waterside of well-maintained annual vegetation. Spring 2018

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	05/08/2018 05/08/2018	Sterling York

LM Start	0.81	Rating **	C	Issue No.	23
LM End	0.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.589531 °	38.589531 °
				-121.432133 °	-121.432133 °
DWR ID	DWR_NA0001_03_s _ 2017_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows have been backfilled by ARFCD. Spring 2018					

No Photos

LM Start	0.91	Rating **	C	Issue No.	22
LM End	0.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.589752 °	38.589752 °
				-121.433962 °	-121.433962 °
DWR ID	DWR_NA0001_03_s _ 2016_22				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
The stump has been removed from this location. Spring 2018					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	0.01	Rating **	A	Issue No.	220
LM End	1.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.596634 °	38.596116 °
				-121.506889 °	-121.477639 °
DWR ID	DWR_NA0001_04_s _ 2018_220				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_55_220_20180515_00263.jpg



View looking downstream waterside of the well maintained annual vegetation.

LM Start	0.01	Rating **	A	Issue No.	218
LM End	1.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.596635 °	38.596116 °
				-121.506889 °	-121.477639 °
DWR ID	DWR_NA0001_04_s _ 2018_218				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_55_218_20180515_00264.jpg



View looking downstream landside of the well maintained annual vegetation.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	0.60	Rating **	C	Issue No.	212
LM End	0.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.601380 °	38.601380 °
				-121.498533 °	-121.498533 °
DWR ID	DWR_NA0001_04_f_2013_212				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
The tree stump that was in this location was removed and backfilled by ARFCD, Spring 2018.					

No Photos

LM Start	1.61	Rating **	M	Issue No.	7
LM End	1.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.599095 °	38.598791 °
				-121.480337 °	-121.479799 °
DWR ID	DWR_NA0001_04_s_2016_7				
Comment Code					
Inspector Comment					
2012 - Located just downstream of older repair. Failing rock at the upstream end. Erosion of the bank has exposed large tree roots. 2015: No observed changes. [2015 Site ID: LAR_1-8_L]					

Photo 1 of 1 : SP_2018_NA0001_55_7_20180508_00008.jpg



USACE 2013 Photo #1

LM Start	1.85	Rating **	A/W	Issue No.	250
LM End	1.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.596220 °	38.596220 °
				-121.477713 °	-121.477713 °
DWR ID	DWR_NA0001_04_s_2016_250				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 2 : SP_2018_NA0001_55_250_20180508_00200.jpg



View of the footpath on the waterside levee slope, looking at the slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	1.85	Rating **	A/W	Issue No.	250 (cont)
LM End	1.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.596220 °	38.596220 °
				-121.477713 °	-121.477713 °
DWR ID	DWR_NA0001_04_s _ 2016_250				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 2 of 2 : SP_2018_NA0001_55_250_20180508_00201.jpg



View of the footpath on the waterside levee slope, looking downstream.

LM Start	1.93	Rating **	A	Issue No.	236
LM End	10.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.595269 °	38.565566 °
				-121.477006 °	-121.351487 °
DWR ID	DWR_NA0001_04_s _ 2018_236				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_55_236_20180515_00266.jpg



View looking downstream landside of the well maintained annual vegetation.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	1.93	Rating **	A	Issue No.	247
LM End	10.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.595269 °	38.565567 °
				-121.477006 °	-121.351480 °
DWR ID	DWR_NA0001_04_s_2018_247				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_55_247_20180515_00268.jpg



View looking downstream waterside of the well maintained annual vegetation.

LM Start	1.95	Rating **	A/W	Issue No.	244
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.595040 °	38.595040 °
				-121.476882 °	-121.476882 °
DWR ID	DWR_NA0001_04_f_2015_244				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : SP_2018_NA0001_55_244_20180508_00195.jpg



View of the footpath on the landside levee slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	2.86	Rating **	M	Issue No.	248
LM End	2.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.587293 °	38.587293 °	
			-121.464338 °	-121.464338 °	
DWR ID	DWR_NA0001_04_s _ 2012_248				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	4.51	Rating **	M	Issue No.	253
LM End	4.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.581320 °	38.581320 °	
			-121.438263 °	-121.438263 °	
DWR ID	DWR_NA0001_04_s _ 2012_253				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	6.24	Rating **	A/W	Issue No.	260
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.566220 °	38.566220 °	
			-121.423558 °	-121.423558 °	
DWR ID	DWR_NA0001_04_s _ 2017_260				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes and is actively monitoring the area.					

Photo 1 of 1 : SP_2018_NA0001_55_260_20180508_00204.jpg



View of the rodent burrows at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	6.24	Rating **	M	Issue No.	164
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566198 °	38.566198 °
				-121.423528 °	-121.423528 °
DWR ID	DWR_NA0001_04_f_2012_164				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush at levee toe.					

No Photos

LM Start	6.45	Rating **	C	Issue No.	238
LM End	6.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.563231 °	38.563231 °
				-121.422404 °	-121.422404 °
DWR ID	DWR_NA0001_04_f_2015_238				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Stump at levee toe has been ground and no longer exists.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	6.49	Rating **	C	Issue No.	233
LM End	6.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.562659 °	38.562659 °
				-121.422122 °	-121.422122 °
DWR ID	DWR_NA0001_04_f_2015_233				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Stump at levee toe has been ground and no longer exists.					

No Photos

LM Start	6.52	Rating **	C	Issue No.	256
LM End	6.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.562347 °	38.562347 °
				-121.421905 °	-121.421905 °
DWR ID	DWR_NA0001_04_s_2017_256				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Stump at levee toe has been ground and no longer exists.					

No Photos

LM Start	6.62	Rating **	A/W	Issue No.	240
LM End	6.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.561121 °	38.560883 °
				-121.420766 °	-121.420514 °
DWR ID	DWR_NA0001_04_s_2017_240				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent burrows.					

Photo 1 of 2 : SP_2018_NA0001_55_240_20180508_00192.jpg



View of a rodent burrows at the landside levee toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	6.62	Rating **	A/W	Issue No.	240 (cont)	
LM End	6.65	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.561121 °		38.560883 °
				-121.420766 °		-121.420514 °
DWR ID	DWR_NA0001_04_s_2017_240					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
LMA backfilled the rodent burrows.						

Photo 2 of 2 : SP_2018_NA0001_55_240_20180508_00193.jpg



Another view of the rodent burrow at the levee toe.

LM Start	8.83	Rating **	N	Issue No.	230	
LM End	8.83	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Trim / Thin Trees			38.564929 °	38.564929 °	
				-121.383248 °	-121.383248 °	
DWR ID	DWR_NA0001_04_f_2015_230					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						
5 shrub stumps with multiple branches.						

Photo 1 of 1 : SP_2018_NA0001_55_230_20180508_00186.jpg



View of the multiple tree stumps at the landside levee toe.

LM Start	9.30	Rating **	A/W	Issue No.	249
LM End	9.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.566685 °	38.566685 °
				-121.374818 °	-121.374818 °
DWR ID	DWR_NA0001_04_s_2017_249				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled multiple active rodent holes. Area should be monitored.					

Photo 1 of 2 : SP_2018_NA0001_55_249_20180508_00198.jpg



View of the rodent burrows on the levee slope, looking upstream.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	9.80	Rating **	N	Issue No.	222
LM End	9.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568107 °	38.568114 °
				-121.365842 °	-121.365747 °
DWR ID	DWR_NA0001_04_f_2016_222				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
2 tree stumps approximately 40 feet apart.					

Photo 1 of 1 : SP_2018_NA0001_55_222_20180508_00179.jpg



View of the tree stump at the landside levee toe.

LM Start	10.42	Rating **	A/W	Issue No.	228
LM End	10.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.570536 °	38.570536 °
				-121.354957 °	-121.354957 °
DWR ID	DWR_NA0001_04_s_2016_228				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : SP_2018_NA0001_55_228_20180508_00185.jpg



View of the footpath on the levee slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	05/08/2018 05/11/2018	Sterling York

LM Start	10.44	Rating **	A/W	Issue No.	219
LM End	10.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.570559 °	38.570559 °
				-121.354514 °	-121.354514 °
DWR ID	DWR_NA0001_04_s _ 2017_219				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : SP_2018_NA0001_55_219_20180508_00178.jpg



View of the footpath on the levee slope.

LM Start	10.63	Rating **	C	Issue No.	227	
LM End	10.63	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.568301 °		38.568301 °
				-121.352937 °		-121.352937 °
DWR ID	DWR_NA0001_04_s _ 2016_227					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
This rodent hole has been backfilled by ARFCD and there is no sign of rodent activity, Spring 2018.						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.41	05/08/2018 05/08/2018	Sterling York

No Maintenance Issues.

No Maintenance Issues.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	05/07/2018 05/07/2018	Sterling York

LM Start	0.03	Rating **	A	Issue No.	4
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.657317 °	38.665210 °
				-121.474263 °	-121.452395 °
DWR ID	DWR_NA0001_06_s_2018_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well-maintained. Spring 2018					

Photo 1 of 1 : SP_2018_NA0001_57_4_20180514_00008.jpg



View looking downstream waterside of the well-maintained annual vegetation. Spring 2018

LM Start	0.03	Rating **	A	Issue No.	3
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.657317 °	38.665210 °
				-121.474262 °	-121.452395 °
DWR ID	DWR_NA0001_06_s_2018_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well-maintained. Spring 2018					

Photo 1 of 1 : SP_2018_NA0001_57_3_20180514_00007.jpg



View looking downstream landside of the well-maintained annual vegetation. Spring 2018

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	05/08/2018 05/08/2018	Sterling York

LM Start	0.01	Rating **	A/W	Issue No.	32
LM End	1.92	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.620443 °	38.628500 °
				-121.467664 °	-121.436135 °
DWR ID	DWR_NA0001_07_s_2018_32				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
This Unit is under construction and not accessible. All the issues for Unit 7 will have to be reassessed when construction is complete and turn back over to ARFCD to maintain. Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_58_32_20180514_00048.jpg



View looking upstream from Norwood Ave. This Unit is under construction and not accessible. All the issues for Unit 7 will have to be reassessed when construction is complete and turn back over to ARFCD to maintain. Spring 2018.

LM Start	0.04	Rating **	M	Issue No.	38
LM End	0.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.620569 °	38.620569 °
				-121.467117 °	-121.467117 °
DWR ID	DWR_NA0001_07_f_2015_38				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_58_38_20180404_00030.jpg



View of the landside levee slope damaged by motorized traffic.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	05/08/2018 05/08/2018	Sterling York

LM Start	1.05	Rating **	A/W	Issue No.	5
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.625862 °	38.625862 °
				-121.450978 °	-121.450978 °
DWR ID	DWR_NA0001_07_f_2017_5				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Minor erosion on the slope should be monitored.					

Photo 1 of 1 : SP_2018_NA0001_58_5_20180404_00004.jpg



View of the damaged levee slope.

LM Start	1.39	Rating **	A/W	Issue No.	34
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626601 °	38.626601 °
				-121.445016 °	-121.445016 °
DWR ID	DWR_NA0001_07_s_2012_34				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : SP_2018_NA0001_58_34_20180404_00028.jpg



View of the landside levee slope damaged by foot traffic.

LM Start	1.64	Rating **	M	Issue No.	18
LM End	1.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627670 °	38.627670 °
				-121.440814 °	-121.440814 °
DWR ID	DWR_NA0001_07_f_2017_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_58_18_20180404_00017.jpg



View of the rodent hole that needs to be backfilled.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	05/08/2018 05/08/2018	Sterling York

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	05/08/2018 05/08/2018	Sterling York

LM Start	0.03	Rating **	A	Issue No.	18
LM End	4.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567977 °	38.588967 °
				-121.383752 °	-121.428258 °
DWR ID	DWR_NA0001_09_s_2018_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_60_18_20180515_00045.jpg



View looking upstream landside of the well maintained vegetation.

LM Start	0.03	Rating **	A	Issue No.	19
LM End	4.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567978 °	38.588967 °
				-121.383752 °	-121.428257 °
DWR ID	DWR_NA0001_09_s_2018_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_60_19_20180515_00047.jpg



View looking upstream waterside of the well maintained vegetation.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	05/08/2018 05/08/2018	Sterling York

LM Start	0.45	Rating **	N	Issue No.	14
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.566298 °	38.566298 °
				-121.390680 °	-121.390680 °
DWR ID	DWR_NA0001_09_s_2012_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree trunk at fence line.					

Photo 1 of 1 : SP_2018_NA0001_60_14_20180404_00005.jpg



Tree trunk at fence line.

LM Start	1.88	Rating **	M	Issue No.	28
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.561171 °	38.561171 °
				-121.415808 °	-121.415808 °
DWR ID	DWR_NA0001_09_s_2016_28				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_60_28_20180404_00010.jpg



View of the landside levee slope.

LM Start	2.66	Rating **	A/W	Issue No.	27
LM End	2.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.570882 °	38.570882 °
				-121.420927 °	-121.420927 °
DWR ID	DWR_NA0001_09_s_2016_27				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes. This area should be monitored for possible rodent activity.					

Photo 1 of 2 : SP_2018_NA0001_60_27_20180404_00008.jpg



View of the rodent holes on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	05/08/2018 05/08/2018	Sterling York

LM Start	2.66	Rating **	A/W	Issue No.	27 (cont)	
LM End	2.66	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.570882 °		38.570882 °
				-121.420927 °		-121.420927 °
DWR ID	DWR_NA0001_09_s_2016_27					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
LMA backfilled the rodent holes. This area should be monitored for possible rodent activity.						

Photo 2 of 2 : SP_2018_NA0001_60_27_20180404_00009.jpg



View of the rodent at the levee toe causing levee damage.

LM Start	2.73	Rating **	A/W	Issue No.	9
LM End	2.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.571868 °	38.571868 °
				-121.420605 °	-121.420605 °
DWR ID	DWR_NA0001_09_s_2018_9				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath appears to be stable at this time but should be monitored for further erosion.					

Photo 1 of 1 : SP_2018_NA0001_60_9_20180404_00004.jpg



View of the footpath on the levee slope.

LM Start	2.92	Rating **	M	Issue No.	8
LM End	2.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.574474 °	38.574474 °
				-121.419734 °	-121.419734 °
DWR ID	DWR_NA0001_09_f_2017_8				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_60_8_20180404_00003.jpg



View of the footpath on the levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	05/08/2018 05/08/2018	Sterling York

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	05/07/2018 05/07/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	20
LM End	3.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.600443 °	38.567771 °
				-121.330793 °	-121.382581 °
DWR ID	DWR_NA0001_10_s _ 2018_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_61_20_20180515_00046.jpg



View looking upstream waterside of the well maintained vegetation.

LM Start	0.00	Rating **	A	Issue No.	19
LM End	3.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.600443 °	38.567771 °
				-121.330793 °	-121.382582 °
DWR ID	DWR_NA0001_10_s _ 2018_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_61_19_20180515_00047.jpg



View looking upstream landside of the well maintained vegetation.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	05/07/2018 05/07/2018	Sterling York

LM Start	2.41	Rating **	A/W	Issue No.	7
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.575126°	38.575126°
				-121.357575°	-121.357575°
DWR ID	DWR_NA0001_10_f_2013_7				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_61_7_20180404_00002.jpg



View of the pathway on the landside levee slope.

LM Start	3.23	Rating **	A/W	Issue No.	2
LM End	3.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569907°	38.569907°
				-121.371014°	-121.371014°
DWR ID	DWR_NA0001_10_f_2017_2				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor the footpath for possible further erosion.					

Photo 1 of 1 : SP_2018_NA0001_61_2_20180404_00001.jpg



View of the footpath on the levee slope.

LM Start	3.49	Rating **	A/W	Issue No.	21
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569484°	38.569484°
				-121.375841°	-121.375841°
DWR ID	DWR_NA0001_10_f_2015_21				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_61_21_20180404_00004.jpg



View of the footpath on the landside levee slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	05/07/2018 05/07/2018	Sterling York

LM Start	3.56	Rating **	N	Issue No.	29
LM End	3.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.569242 °	38.569242 °
				-121.377169 °	-121.377169 °
DWR ID	DWR_NA0001_10_s_2017_29				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Three tree stumps within ten feet of levee toe.					

Photo 1 of 1 : SP_2018_NA0001_61_29_20180404_00008.jpg



View of the tree stump within the levee easement.

LM Start	3.77	Rating **	N	Issue No.	28
LM End	3.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568375 °	38.568375 °
				-121.380889 °	-121.380889 °
DWR ID	DWR_NA0001_10_s_2017_28				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2018_NA0001_61_28_20180404_00007.jpg



View of the tree stump at the levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	05/07/2018 05/07/2018	Sterling York

LM Start	3.83	Rating **	C	Issue No.	23
LM End	3.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568111 °	38.568111 °
				-121.381896 °	-121.381896 °
DWR ID	DWR_NA0001_10_s_2015_23				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree stump has been removed and backfilled, Spring 2018.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	05/08/2018 05/08/2018	Sterling York

LM Start	0.01	Rating **	A	Issue No.	6
LM End	0.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.662486°	38.667934°
				-121.457729°	-121.447566°
DWR ID	DWR_NA0001_11_s_2018_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_436_6_20180515_00009.jpg



View looking downstream waterside of the well maintained vegetation.

LM Start	0.01	Rating **	A	Issue No.	5
LM End	0.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.662487 °	38.667933 °
				-121.457729 °	-121.447566 °
DWR ID	DWR_NA0001_11_s_2018_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_436_5_20180515_00010.jpg



View looking downstream landside of the well maintained vegetation.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	05/11/2018 05/11/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	9
LM End	0.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.570027 °	38.577244 °
				-121.353166 °	-121.342287 °
DWR ID	DWR_NA0001_12_s_2018_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_438_9_20180511_00016.jpg



View looking downstream on the landside of the well-maintained annual vegetation.

LM Start	0.00	Rating **	A	Issue No.	10
LM End	0.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.570030 °	38.577249 °
				-121.353161 °	-121.342282 °
DWR ID	DWR_NA0001_12_s_2018_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_NA0001_438_10_20180511_00015.jpg



View looking downstream waterside of the well-maintained vegetation.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	05/11/2018 05/11/2018	Sterling York

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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